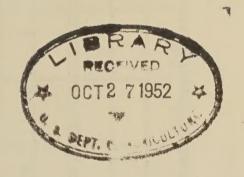
POWER REQUIREMENT STUDY

SEMINOLE ELECTRIC COOPERATIVE

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FLORIDA 41 ALACHUA GT



Prepared by
Program Analyst
Office of the Administrator
RURAL ELECTRIFICATION ALMINISTRATION

June 1952

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## ESTIMATE OF LOADS - FLORIDA 15 LAFAYETTE

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	NOMBE	NUMBER OF CONSUMERS	MERS	ANN	ANNUAL KINH REQUIRENENTS	TS
TYPE OF CONSUMER	1954	1957	1962	1954	1957	1962
				@2040	@2640	
FARM	3,039	3,278	3,763	621992560	8,653,920	13,546,800
,				@4500	@5400, ·	
MONFARM (RES.)	264	307	414	1,188,000	1,657,800	2,484,000
				@2640	@2940	@3720
SMALL COMMERCIAL	185	198	221	488,400	582,120	822,120
				@2000 ·	@3000 ·	00060
IRRIGATION (10 HP)	53	\$ \$ 2	139	106,000	336,000	\$67,000
LARGE POWER:						
MUNICIPAL CONTINUES CONTIN				000,000	200,000	500,000
SAW MILL (50 HP)	<b>Grant</b>	***		000*58	000°06	000*06
SUB-TOTAL				8,566,960	11,819,840	18,009,920
PLUS DIST. LOSSES (APPROX.)				018%	018%	080-689-E
		-				
TOTAL	3,543	3,897	4.589	10,448,000	14,414,000	21,699,000
		Section (Astronomy Section 2) Astronomy Section (Section 2)	Children Chamberleige Branch Chamberleigh			

PROGRAM ANALYST, OFFICE OF THE ADMINISTRATOR, REA - JUNE 1952

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TABLE 11

ESTIMATE OF LOADS - FLORIDA 16 SUNTER

FLORIDA 48 ALACHUA GT						
	NUMBER	ER OF CONSUMERS	UMERS		AMNUAL KWH REQUIREMENTS	MENTS
TYPE OF CONSUMER	1954	1957	1962	1954	1957	1962
				@2280	@2820	@3780
FARM	3,883	4,396	5,265	8,853,240	12,396,720	002,106,91
		,	•	@1800, ·	@2160	@2880
NONFARM (RES.)	1,223	1,530	2,080	2,201,400	3,304,800	5,990,400
				@4440	@\$160	@6120
SMALL COMMERCIAL	368	408	487	1,633,920	2,105,280	2,980,440
				@420	@480	. 009®
PUBLIC BUILDINGS	102	119	135	42,840	57,120	81,000
				@4000	@4000	@4000
IRRIGATION (10 HP)	25	25	25	100,000	100,000	100,000
				. @4000	@4000	@4000
IRRIGATION (TO HP) *	10	25	40	40.000	000,008	160,000
				, 000°0£@	@30°000	, 000°06@
SAWMILL (50 HP) *		2	2	30,000	000.09	000*09 ,
				@25,000	@25,000	@25,000
SAWMILL (40 HP) *	1	-	2	25,000	25,000	50,000
					, 0006@	0006@
SAWMILL (15 HP) *	8.0	-	2	**	000.6	18,000
CITRUS PLANT (1000 HP) *	ģiani	-		000-000-1	1.000,000	000*000*1
SUB-TOTAL				13,926,400	19,157,920	30,341,540
				%610		. , %11@
PLUS DIST. LOSSES (APPROX.)				3,266,600	4,205,080	6,214,460
TOTAL	5,614	6,508	8,039	17,193,000	23,363,000	36,556,000

<sup>\*</sup> ANTICIPATED LARGE POWER LOADS.

PROGRAM ANALYST, OFFICE OF THE ADMINISTRATOR, REA - JUNE 1952

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TABLE 111

ESTIMATE OF LOADS - FLORIDA 23 LEVY

FLORIDA 41 ALACHUA GT	-					Annual communication of the Principle of State (1905) and the state of
	NUMBER	BER OF CONSUMERS	UMERS		ANNUAL KMH REGUIREMENIS	1
TYPE OF CONSUMER	1954	1957	1962	1954	1957	1962
				@1620	@2040	©2820
FARM	1,295	1,582	1,954	2,097,900	3,227,280	5,510,280
				@1560	08610	@2520
NONFARM (RES.)	1.038	1,251	1.501	1,619,280	2,476,980	3,782,520
				@4500		66240
SWALL COMMERCIAL	228	- 276	318	1,026,000	1,424,160	1,984,320
				. 0060	Ø1140	@1500
PUBLIC BUILDINGS	41	46	99	36,900	52,440	000*66
				. 0008@	@8000	. 00080
STREET LIGHTING	2	2	2	16 000	16,000	16,000
CEDAR KEY PUMP (25 HP)		-	-	14,000	16,000	20°000
ACT & STODAGE DINED (40 HP)		•	40-4	120-000	140 .000	150,000
FIBER FACTORY (25 HP) *	1	-	-	1 3	25,000	30,000
* 1411 07 1 4110 14 400					000 02	000
ICE PLANT 40 H						,
SAWMILL (100 HP) *	1	-		3 8	60,000	20,000
						@4000
IRRIGATION **	5	7	-	20,000	28,000	44,000
				. 0000	@4000	@4000
IRRIGATION *	-	2	3	4,000	8 000	12,000
SUB-TOTAL	2,612	3,171	3,860	4,954,080	7,543,860	11,798,120

\* ANTICIPATED LARGE POWER LOADS. \*\* APPLICATION FOR SERVICE ON HAND.

(CONT'D. ON NEXT PAGE)

PROGRAM ANALYST, OFFICE OF THE ADMINISTRATOR, REA - JUNE 1952

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TABLE 111 (CONT'D.)

ESTIMATE OF LOADS - FLORIDA 29 LEVY

FT OR IDA 41 ALACHUA GT					AND THE RESIDENCE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	
	MIMBER	R OF CONSUMERS	JMERS		ANNUAL KWH REQUIREMENTS	MENTS
TABLE OF CONSIMER	1954		1962	1954	1957	1962
11 CO	- The same					,
COMPANY FORMAND	2,612	3,171	3,860	4,954,080	7,543,860	11,798,120
O CHARLES TO THE COUNTY						
CAMMIET COO UD! 40k		-	•	20,000	20,000	30,000
SAWMILL (20 NF)				@20,000	@20,000	@20,000
SEED OR LERS (40 HP)	4	2	9	80,000	000"001	120,000
		The same of the sa				
				5.054.080	7.663.860	11,948,120
SUB-TOTAL				%030	@18%	617%
DITIE DIST. LOSSES (APPROX.)				1,185,920	1,682,140	2,446,880
TOTAL	2,617	3,177	3,867	6,240,000	9,346,000	14,395,000

\*\* APPLICATION FOR SERVICE ON HAND.

PROGRAM ANALYST, OFFICE OF THE ADMINISTRATOR, REA - JUNE 1952

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TABLE IV

ESTINATE OF LOADS - FLORIDA 28 MADISON

FLORIDA 41 ALACHUA GT						
	NUMBE	NUMBER OF CONSUMERS	MERS	ANNAL	AL KWH REQUIREMENTS	
TYPE OF CONSUMER	1954	1957	1962	1954	1957	1962
					@2160	.000€
FARM	2,383	2,661	3,248	3,860,460	5,747,760	9,744,000
				@1740	\$2040	@2880
NONFARM (RES.)	409	603	839	711,660	1,230,120	2,416,320
				. 09160	<b>@</b> 5820	@6180
SWALL COMMERCIAL	192	192	199	990,720	1,117,440	1,229,820
				@1020	@1260 ·	@1500
PUBLIC BUILDINGS	134	137	142	136,680	172,620	213,000
CREENVILLE VENEER (80 HP)	•	_		155,000	000*521	185,000
						000
GREENVILLE PLYWOOD (60 HP)		-	-	55°000	ດດດະດອ	0002071
SOUTHERN PLYMOOD (200 HP)	-	-	_	500,000	500,000	500,000
SUMMANNEE PLYMOOD (150 HP)	(free)	_	-	400,000	400,000	400,000
CRUCE SAWMILL (300 HP)			_	000*008	400,000	400,000
CRUCE SAWNILL (30 KVA)		-		15.000	15,000	15,000
LIONS CLIEB BALL PARK (100 KVA)			000	000-51	15,000	000*51
GREENVILLE PUMP (15 KVA)	-		-	15,000	17,000	21,000
SUB-TOTAL	3,126	3,601	4.436	701540520	9,869,940	15,309,140

(CONT \*D. ON NEXT PAGE)

PROGRAM ANALYST, OFFICE OF THE ADMINISTRATOR, REA - JUNE 1952

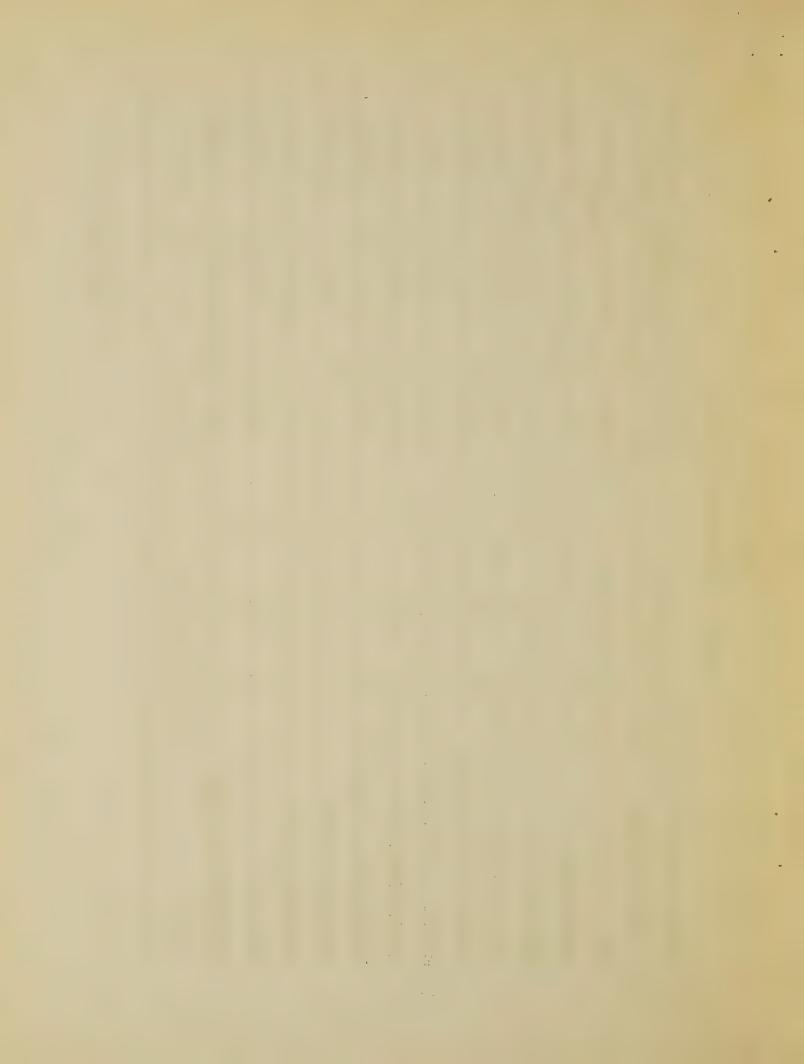


TABLE IV (CONT'D.)

ESTIMATE OF LOADS - FLORIDA 28 MADISON

FLORIDA 41 ALACHUA GT						
	NIMBER	FR OF CONSUMERS	UNERS	ANNC	ANNUAL KWH REQUIREMENTS	S
TYPE OF CONSIMER	1954		1965	1954	1957	1962
			ì	, r. r.	0 860 040	15,309,140
BROUGHT FORWARD	30,120	3,501	4,430	(9124920		
NOTE DI ANTATION (75 XVA)	-	in all	~	24,000	24,000	24,000
	Š	٠	2	000-05	000~09	65,000
JOHN KELLEY PLANT (15 KVA)		-				
CHERRY (AKE PUMP (15 HP)	3	(Simole)		000*01	12,000	15,000
	•	•		, , , , , ,	50,000	50,000
HATCHERY (25 KVA)					@45,000	@45,000
* LA HO #	i	64	ટ	49 🕶	000 06	000*06
ONIMITE CO.						
PLANING MILL (50 HP)	dend	g*************************************		200,000	200,000	200,000
				@50°000 ,	@20,000	@20°000°
OYSTER HOUSE (25 KVA)	•••	2	2	20,000	40 000	40,000
				0000010	000 010	000 010
IRRIGATION (10 HP)	0	24	48	000 001	240,000	480,000
SIIB-TOTAL				7,608,520	10,585,940	16,273,140
				. %510	618%	%110
PLUS DIST. LOSSES (APPROX.)				1,784,480	2,324,060	3,332,860
	`		,	•		
TOTAL	3,142	3,634	4,493	000°666°6	12,910,000	000° 000° 61

\* ANTICIPATED LARGE POWER LOADS.

PROGRAM ANALYST, OFFICE OF THE ADMINISTRATOR, REA - JUNE 1952



ESTINATE OF LOADS - FLORIDA 33 PASCO

FLORIDA 41 ALACHUA GT						
	NUMBE	NUMBER OF CONSUMERS	MERS	ANN	AMNUAL KWH REQUIREMENTS	TS
TYPE OF CONSUMER	1954	1957	1962	1954	1957	1962
				@1920	@2640	<b>@3840</b>
FARM	1,970	2,655	3,120	3,782,400	7,009,200	11,980,800
			,	61740	02340	@3480
NONFARM (RES.)	639	1,9877	2,373	1,111,860	4,392,180	8,258,040
				@4320	@4980	@5940
SMALL COMMERCIAL	105	168	225	453,600	836,640	1,336,500
				. 099@	0060	ø1560
PUBLIC BUILDINGS	44	43	54	29,040	38,700	68,040
ICE DIANT (15 & 25 HD)	c	c	c	@45,000	@45,000	@45,000 C
100 C 2 C 1 US	3	2	7	000.00	000006	000.06
WATER PIMP	8 0	-	-		000	000
					000 0000	000*000*1
DADE CITY STAND BY	8	-	1		3,000,000	4,000,000
				. 000°0550	@550°000 ,	000,000
ROCK PRODUCTS CO.	2	2	2	1,010,000	000,010,1	000,010,1
SPRING CORP.		•	•			
			A CONTRACTOR OF THE PARTY OF TH	000	000-04	40,000
DOLOWITE PLANT	-	2	2	000,000,1	000,000,000	01,000,000
				66833	@11,455	. 062*010
IRRIGATION	18	33	48	168,000	378,000	518,000
SUB-TOTAL				7,684,900	19.794.720	30,301,380
				021%	%610	@18%
PLUS DIST, LOSSES (APPROX.)				2,043,100	4,643,280	6,651,620
TOTAL	2,782	4,785	5,829	9,728,000	24,438,000	36,953,000

PROGRAM ANALYST, OFFICE OF THE ADMINISTRATOR, REA - JUNE 1952

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TABLE VI

ESTIMATE OF LOADS - SUMMARY OF POWER REQUIREMENTS

	NUMB	NUMBER OF CONSUMERS	WERS	AN	ANNUAL KINH REQUIREMENTS	MENTS
SYSTEM AREAS	1954	1957	1962	1954	1957	1965
FLORIDA 15 LAFAYETTE	3,543	3,897	4,589	10,448,000	14,414,000	21,699,000
FLORIDA &6 SUMTER	5,614	6,508	8,039	17,193,000	23,363,000	36,556,000
FLORIDA 29 LEVY	2,617	3,177	3,867	6,240,000	9,346,000	14,395,000
FLORIDA 28 MADISON	3,142	3,634	4,493	000*666*6	12,910,000	000 \$ 90 9 61
FLORIDA 33 PASCO	2,782	4,785	5,829	9,728,000	24,438,000	36,953,000
TOTAL	17,698	22,001	26,817	53,002,000	84,471,000	129,209,000

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